

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/03/50995

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 H01R9/03 H01R9/05

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 024 561 A (FCI KATRINEHOLM A B) 2 August 2000 (2000-08-02) cited in the application the whole document ----	1, 12, 14
A	EP 0 583 934 A (WHITAKER CORP) 23 February 1994 (1994-02-23) cited in the application the whole document ----	1, 12, 14
A	EP 0 987 790 A (FRAMATOME CONNECTORS INT) 22 March 2000 (2000-03-22) the whole document ----	1, 12, 14
A	EP 0 874 420 A (ABB DAIMLER BENZ TRANSP ; AMPHENOL TUCHEL ELECT (DE)) 28 October 1998 (1998-10-28) the whole document ----- -/-	1, 12, 14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \* & \* document member of the same patent family

Date of the actual completion of the international search

14 April 2004

Date of mailing of the international search report

21/04/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Salojärvi, K

## INTERNATIONAL SEARCH REPORT

International Application No

PCT 03/50995

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 045 389 A (PITTS TERRY LEE ET AL) 4 April 2000 (2000-04-04) the whole document ----	1,12,14
A	US 4 744 769 A (HERB CHARLES W ET AL) 17 May 1988 (1988-05-17) the whole document ----	1,12,14
A	US 3 280 246 A (HAWKINS WILLIAM M ET AL) 18 October 1966 (1966-10-18) the whole document -----	1,12,14

# INTERNATIONAL SEARCH REPORT

International Application No

PC 03/50995

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1024561	A	02-08-2000	SE 520444 C2	08-07-2003
			AT 251349 T	15-10-2003
			DE 60005577 D1	06-11-2003
			EP 1024561 A2	02-08-2000
			SE 9900299 A	30-07-2000
			US 6203377 B1	20-03-2001
EP 0583934	A	23-02-1994	DE 69324536 D1	27-05-1999
			DE 69324536 T2	02-09-1999
			EP 0583934 A2	23-02-1994
			JP 3415889 B2	09-06-2003
			JP 6111888 A	22-04-1994
			US 5632634 A	27-05-1997
EP 0987790	A	22-03-2000	NL 1010080 C2	15-03-2000
			EP 0987790 A1	22-03-2000
EP 0874420	A	28-10-1998	CA 2240731 A1	10-01-2000
			DE 19717628 A1	29-10-1998
			EP 0874420 A2	28-10-1998
			JP 10302898 A	13-11-1998
			US 6194654 B1	27-02-2001
US 6045389	A	04-04-2000	NONE	
US 4744769	A	17-05-1988	US 4602833 A	29-07-1986
			DE 3579921 D1	31-10-1990
			EP 0210995 A1	25-02-1987
			JP 6070908 B	07-09-1994
			JP 62501246 T	14-05-1987
			WO 8603894 A1	03-07-1986
US 3280246	A	18-10-1966	NONE	